

TRIB3 Rabbit mAb

Catalog No: #52630

Package Size: #52630-1 50ul #52630-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

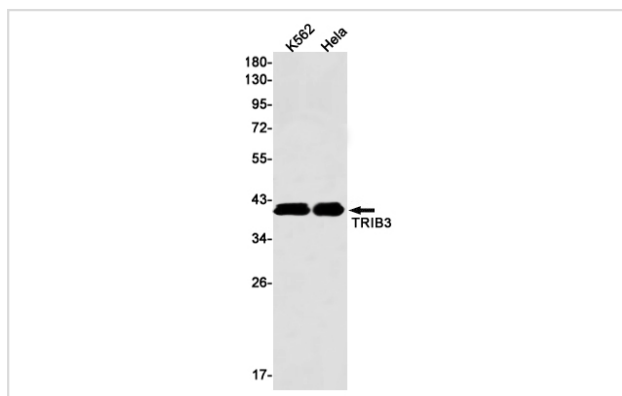
Description

Product Name	TRIB3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S01-9D1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human TRIB3
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NIPK; SINK; TRB3; SKIP3; C20orf97
Accession No.	Swiss-Prot:Q96RU7GeneID:57761
Uniprot	Q96RU7
GeneID	57761
Calculated MW	Calculated MW: 40 kDa; Observed MW: 40 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000-1/5000;

Images



Western blot detection of TRIB3 in K562, HeLa cell lysates using TRIB3 Rabbit mAb(1:1000 diluted). Predicted band size: 40kDa. Observed band size: 40kDa.

Background

Swiss-Prot Acc.Q96RU7. Disrupts insulin signaling by binding directly to Akt kinases and blocking their activation. May bind directly to and mask the Ser308; Thr308 phosphorylation site in AKT1. Binds to ATF4 and inhibits its transcriptional activation activity. Interacts with the NF-kappa-B transactivator p65 RELA and inhibits its phosphorylation and thus its transcriptional activation activity. Interacts with MAPK kinases and regulates activation of MAP kinases. May play a role in programmed neuronal cell death but does not appear to affect non-neuronal cells. Does not display kinase activity. Inhibits the transcriptional activity of DDIT3/CHOP and is involved in DDIT3/CHOP-dependent cell death during ER stress. Can inhibit APOBEC3A editing of nuclear DNA.

Note: This product is for in vitro research use only